

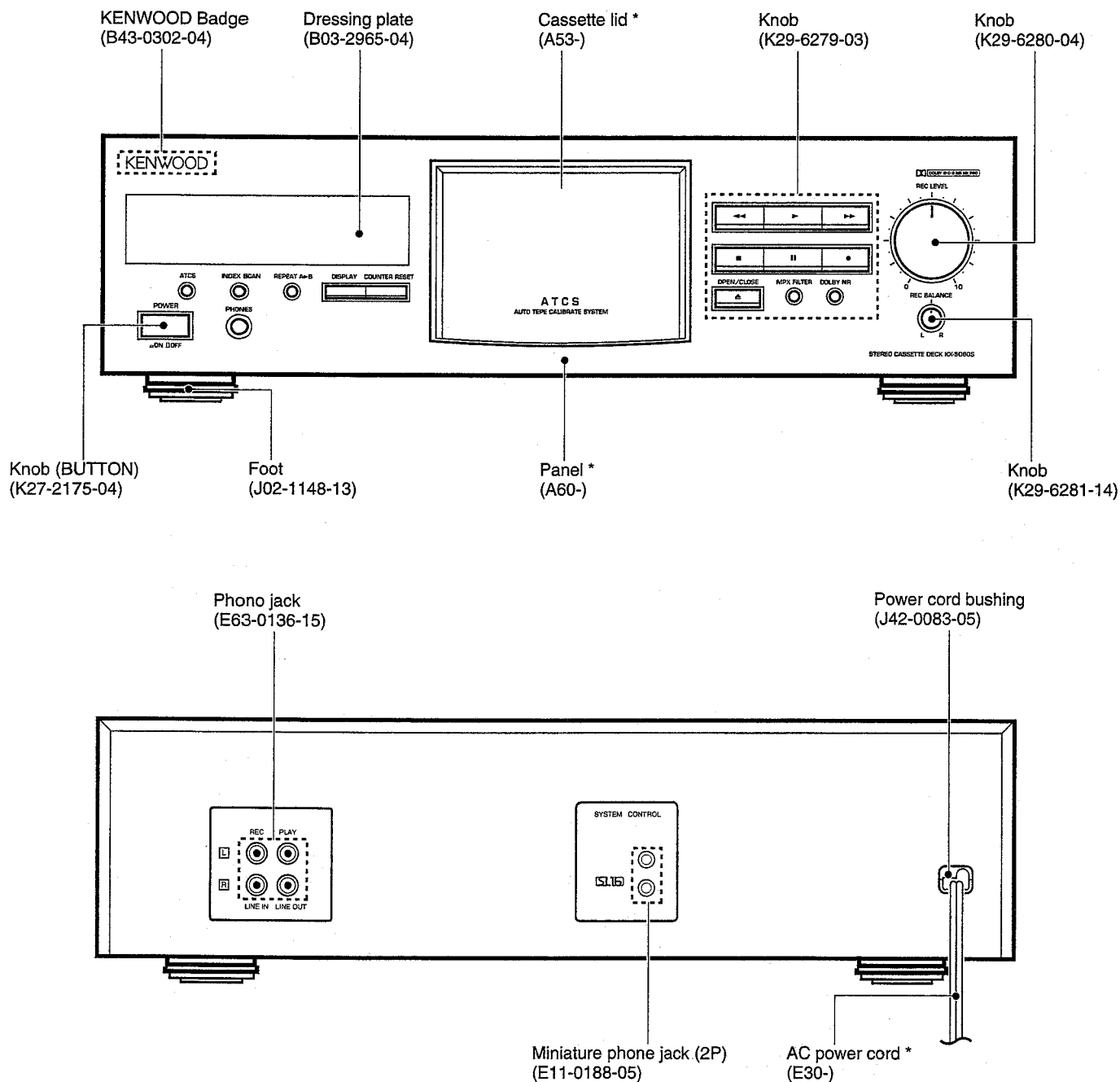
KX-3080/5080S

SERVICE MANUAL

KENWOOD

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Illustration is KX-5080S.



* Refer to parts list on page 25.

KX-3080/5080S

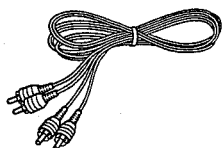
CONTENTS / ACCESSORIE / CAUTION

Contents

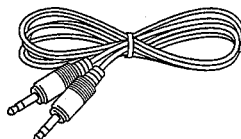
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Accessories

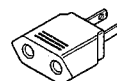
Audio cord 2
(E30-0505-05)



System control cord 1
(E30-2816-05)



AC plug adaptor 1
(E03-0115-05)



(Except for Europe and Australia)
For the unit with a European AC plug in
areas other than Europe.

Caution

Beware of condensation

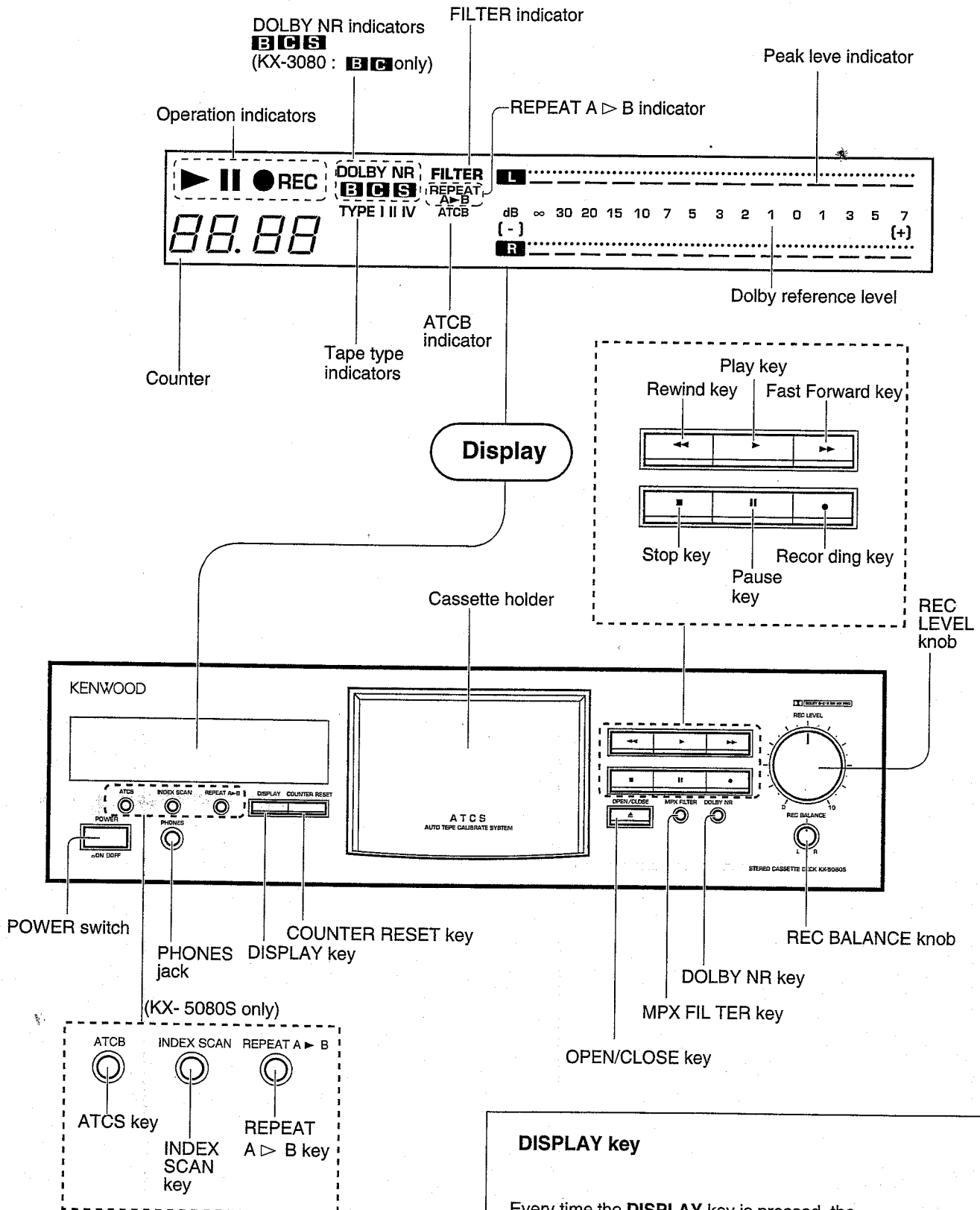
When water vapor comes into contact with the surface of cold material, water drops are produced. If condensation occurs, correct operation may not be possible, or the unit may not function correctly. This is not a malfunction, however, and the unit should be dried. (To do this, turn the POWER switch ON and leave the unit for several hours.)

Be especially careful in the following conditions:

- When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
- When a heater starts operating.
- When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
- When there is a large difference between the internal temperature of the unit and the ambient temperature, or in conditions where condensation occurs easily.

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CONTROLS



DISPLAY key

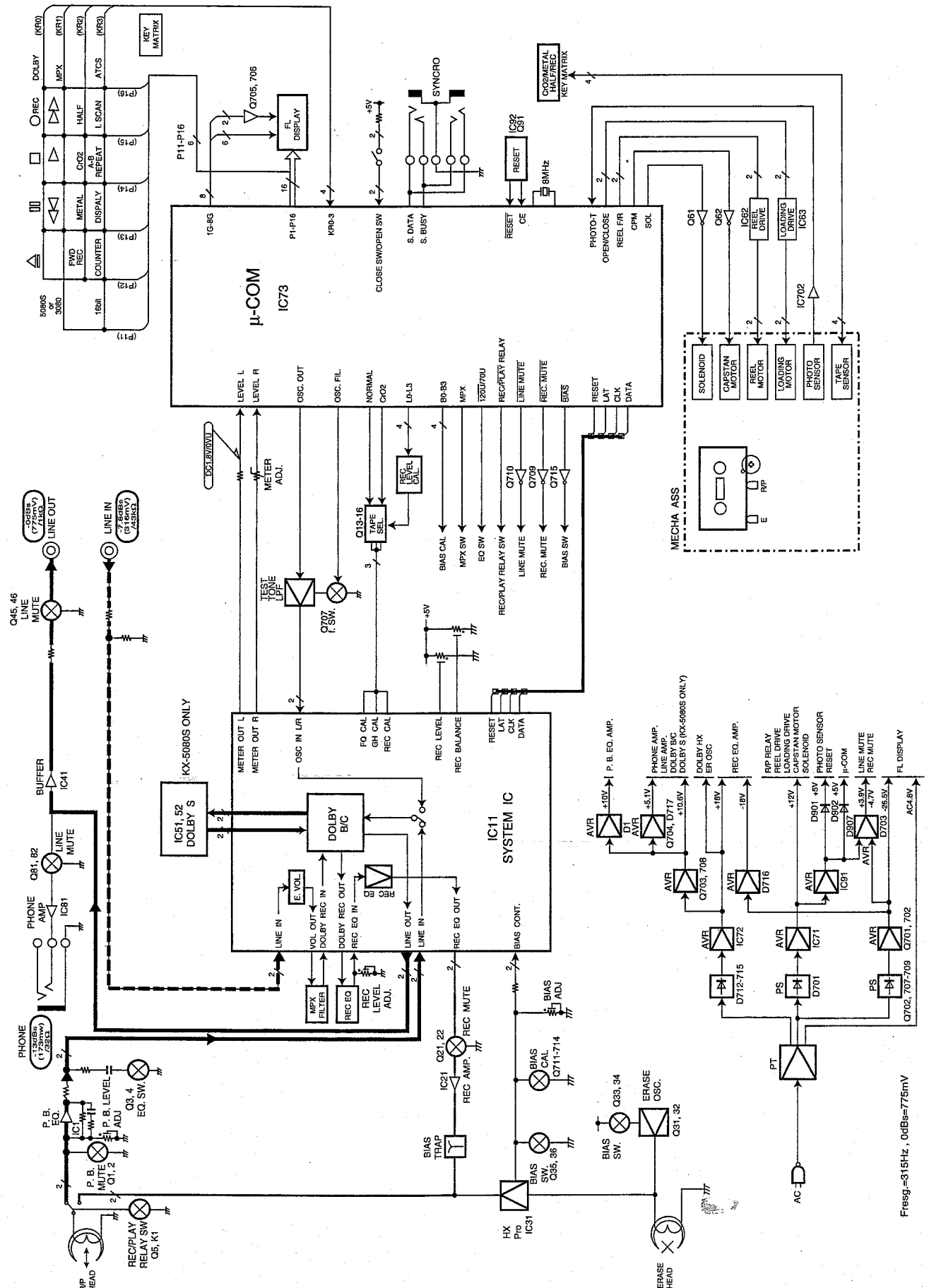
Every time the **DISPLAY** key is pressed, the display changes as follows

Normal lighting ↔ Counter lighting



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BLOCK DIAGRAM



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CIRCUIT DESCRIPTION

Microprocessor periphery block diagram

SW0 : Test mode 1

SW1 : Model function

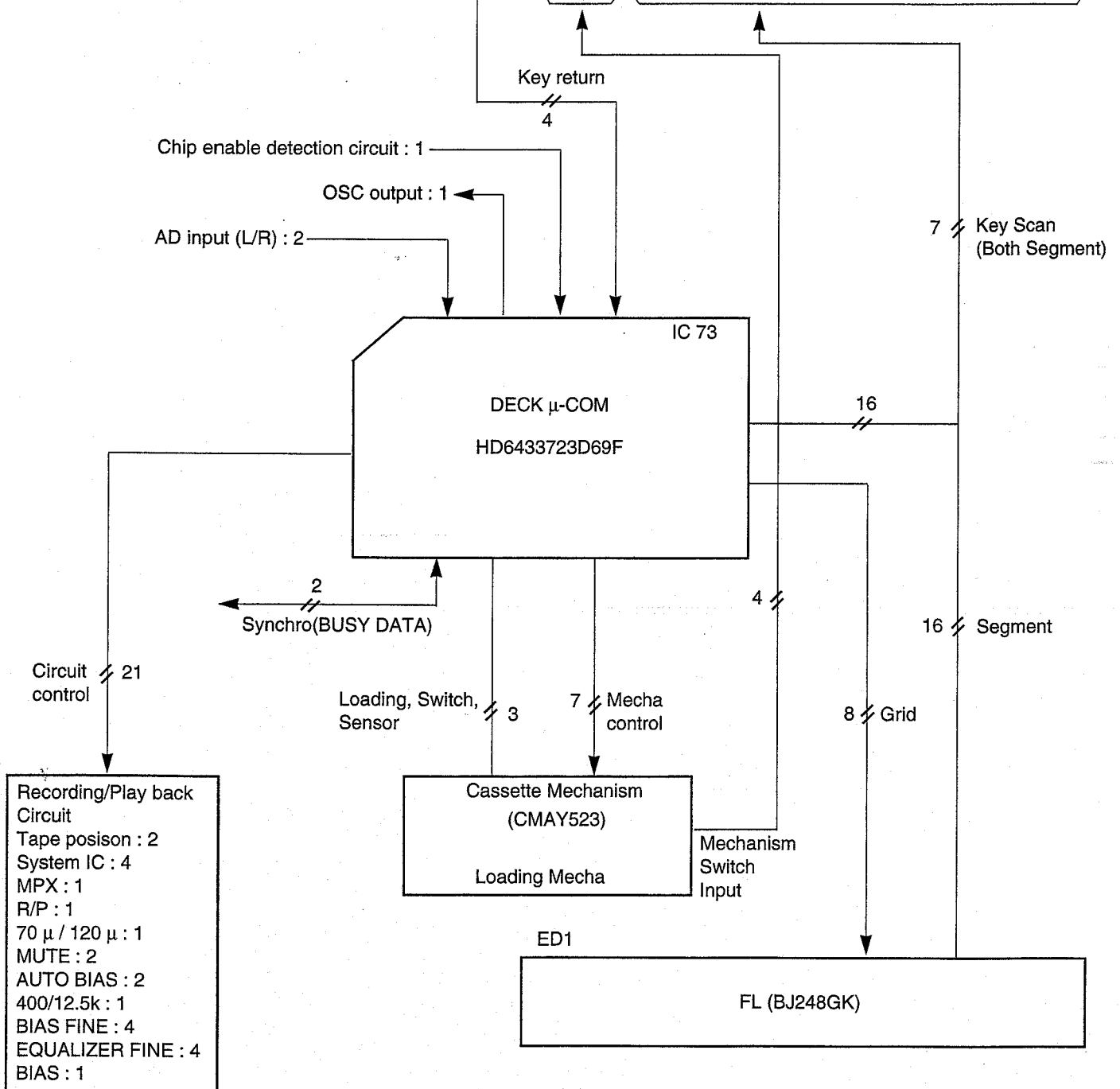
Model	Dolby NR (S)	A.T.C.S / index Scan / A-B Repeat	SW1
KX-3080	X	X	0
KX-5080S	0	0	1

SW2 : Setting of serial mode
(XS8 / SL16)

[() : μ -Com IC port]

	KS1(29)	KS2(28)	KS3(27)	KS4(26)	KS5(25)	KS6(24)
KR0 (1)	SW0	open / close	pause	■ stop	● rec	dolby NR
KR1 (2)	SW1		◀ rew	▶ play	▶▶ ff	MPX filter
KR2 (3)	SW2	rec inhibit	metal	pack	cro2	
KR3 (4)		counter reset	display	A - B repeat	index scan	ATCS

※ SW0~SW2 : Diode matrix



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CIRCUIT DESCRIPTION

Pin description

Pin No.	Name	I/O	Description
1	KR0	I	Return pin of auto key scan 0
2	KR1	I	Return pin of auto key scan 1
3	KR2	I	Return pin of auto key scan 2
4	KR3	I	Return pin of auto key scan 3
5	AVss		Standard GND for A/D input
6	TEST		Chip test pin. to Vss
7	X2	I	Crystal oscillator connection pin. to Vcc open
8	X1	I	Crystal oscillator connection pin. to Vcc open
9	Vss		GND for operation
10	OSC1	I	System clock oscillator connection
11	OSC2	I	System clock oscillator connection
12	RESET	O	μ-COM RESET
13	OPEN	O	Loading motor terminal (Forward)
14	CLOSE	O	Loading motor terminal (Reverse)
15	REEL R	O	Reel motor terminal (Reverse)
16	REEL F	O	Reel motor terminal (Forward)
17	400/12.5 k	O	OSC filter selection H : 400Hz L : 12.5kHz
18	OSC OUT	O	Output square wave using TIMER E
19	PHOTO(T)	I	Photo interrupter detect input
20		O	Unused
21	RPC	O	Mechanism motor control output H = FF, RWD L = PLAY
22	SOL	O	Mechanism solenoid control output
23	METAL CPM	O	CAPSTAN MOTOR TERMINAL H = ON L : OFF
24	P16/KS6	O	Segment output for FDP : p : key scan output 6
25	P15/KS5	O	Segment output for FDP : o : key scan output 5
26	P14/KS4	O	Segment output for FDP : n : key scan output 4
27	P13/KS3	O	Segment output for FDP : m : key scan output 3
28	P12/KS2	O	Segment output for FDP : l : key scan output 2
29	P11/KS1	O	Segment output for FDP : k : key scan output 1
30	P10/KS0	O	Segment output for FDP : j : key scan output 0
31	P9	O	Segment output for FDP : i
32	P8	O	Segment output for FDP : h
33	P7	O	Segment output for FDP : g
34	P6	O	Segment output for FDP : f
35	P5	O	Segment output for FDP : e
36	P4	O	Segment output for FDP : d
37	P3	O	Segment output for FDP : c
38	P2	O	Segment output for FDP : b
39	P1	O	Segment output for FDP : a
40	Vfdp		Power supply pin for driving the FDP (-30[V])
41	Grid 8	O	Grid output for FDP : 8G
42	Grid 7	O	Grid output for FDP : 7G
43	Grid 6	O	Grid output for FDP : 6G

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CIRCUIT DESCRIPTION

Pin No.	Name	I/O	Description
44	Grid 5	O	Grid output for FDP : 5G
45	Grid 4	O	Grid output for FDP : 4G
46	Grid 3	O	Grid output for FDP : 3G
47	Grid 2	O	Grid output for FDP : 2G
48	Grid 1	O	Grid output for FDP : 1G
49		O	Unused
50		O	Unused
51	REC/PLAY	O	REC/PB selection H = REC L = PLAY
52	120 μ /70 μ	O	Play back equalizer control (High=70u/Low=120u)
53	BIAS 0	O	Pin for variable bias(LSB)
54	BIAS 1	O	Pin for variable bias
55	BIAS 2	O	Pin for variable bias
56	BIAS 3	O	Pin for variable bias (MSB)
57	AVcc		μ -COM Power supply (+5[V])
58	REC 0	O	Pin for variable REC equalizer (LSB)
59	REC 1	O	Pin for variable REC equalizer
60	REC 2	O	Pin for variable REC equalizer
61	REC 3	O	Pin for variable REC equalizer (MSB)
62	MPX ON/OFF	O	MPX filter switching H = ON L = OFF
63	CRO2	O	HIGH only ar CrO2 position
64	NORMAL	O	HIGH only at NORMAL position
65	RESET	O	CXA1778 DEVICE RESET SIGNAL OUTPUT
66	CLK	O	CXA1778 CLOCK SIGNAL OUTPUT
67	LAT	O	CXA1778 LATCH SIGNAL OUTPUT
68	DATA	O	CXA1778 DATA SIGNAL OUTPUT
69	BIAS ON OFF	O	Bias oscillator control H : OSC
70	CE	I	Detects chip enable L = BACK UP
71		O	Unused
72	R MUTE	O	Recording mute control L = MUTE ON
73	L MUTE	O	Line mute control L = MUTE ON
74	P BUSY	I/O	Serial communication with other equipment (BUSY)
75	P DATA	I/O	Serial communication with other equipment (DATA)
76	AVcc		Reference voltage for A/D converter
77	LEVEL L	I	A/D level input Lch
78	LEVEL R	I	A/D level input Rch
79	CLOSE SW	I	Loading close detection SW L = CLOSE
80	OPEN SW	I	Loading open detection SW L = OPEN

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CIRCUIT DESCRIPTION

OPERATION SPECIFICATIONS MANUAL

1. FEATURES

- ① 2-motor, 1-solenoid, 2-head, single-capstan +1 motor loading
- ② A.T.C.S (KX-5080S ONLY)
- ③ DPSS(REPEAT, UP/DOWN SEARCH, ZERO STOP, RE REC STANDBY, DASH & PLAY)
- ④ INDEX SCAN [KX-5080S ONLY] mechanism
- ⑤ Dolby B/C/S, HX-PRO [Dolbys : KX-5080S ONLY]
- ⑥ XS8/SL16 (SERIAL OPERATION)
- ⑦ A-B REPEAT [KX-5080 ONLY]

2. OPERATION SPECIFICATIONS

2.1 A.T.C.S (Auto Tape Calibration System key)

Finely adjusts for the optimum bias for each type of tape : normal/chrome/metal. The bias has 16 levels.

When the tape type is changed, when a cassette with the recording prevent tab removed is mounted, or when the A.T.C.S key is pressed with A.T.C.S on A.T.C.S lit up), A.T.C.S ends. The display is cleared and the bias is returned to the center value.

(Summary of Operations)

- 10-second no-sound recording
- 200-ms recording with 400-Hz oscillation as standard bias
- Recording for 200 ms per level with 12.5 oscillation shifted in order through all 16 bias levels from the deepest
- Rewind to 400-Hz recording start point
- Playback with 400-Hz playback level sampled.
- 12.5-kHz playback level sampled at each bias level and the bias at which 400-Hz playback level \leq 12.5-kHz playback level taken as optimum bias level
- Rewind to 400-Hz recording start point ; end

2.2 XS8/SL16 System control

Combination with amps, receivers, etc. with the XS8/SL16 make easy bidirectional operation possible.

The 16-bit format is also supported.

- 1) Switch on the AC power while pressing the ►► key.

The unit goes into 16-bit format and subsequent communications use the 16-bit format.

(The fact that the format is the 16-bit format is backed up.)

- 2) Switch on the AC power while pressing the ◄◄ key.

The unit goes into 8-bit format and subsequent communications use the 8-bit format.

(The fact that the format is the 8-bit format is backed up.)

- 3) Short KS1 and KR2 with the diode and switch on the power. Communications use the 16-bit format, but if you press the ◄◄ key or ►► key while switching on the power, the format set with the ◄◄ or ►► key takes precedence.

2.3 Counter

This is a digital counter. When the unit is on standby and when the AC power is off, the counter value is backed up.

3. DEFAULT STATES

3.1 Main unit default states

ITEM	STATE
POWER	POWER ON
DOLBY	OFF
MPX FILTER	OFF
COUNTER	0000
DISPLAY	ALL DISPLAY MODE
A.T.C.S	OFF
REC EQ VALUES	CENTER
BIAS VALUES	CENTER
BIAS VALUES	CENTER
TAPE TYPE	TYPE I
SERIAL MODE	NOT SPECIFIED ※

※When the serial format is not specified, the format is determined by the KS-1→KR2 diode short in the key matrix. (This is set at the factory for 8-bit format.)

3.2 Backed up data

- Dolby mode
- Digital counter
- MPX filter
- A.T.C.S REC EQ and bias value
- Serial mode (8/16 bit)
- Tape type

※Switching on the AC power pressing the Stop key initializes the unit.

KX-3080/5080S

CIRCUIT DESCRIPTION

4. TEST MODE

Setting method Test 1. While pressing the play key [▶], or shorting KSI and KRO with the diode, plug the power cord to the AC wall outlet.

※ KSI : pin2905 IC73

※ KRO : pin 105 IC73

- Ending test mode : Pause the unit or turned off the AC power. The contents of test mode are not backed up.

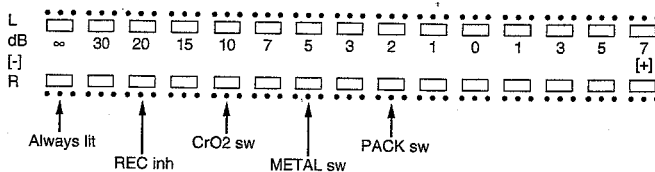
4.1 Test 1 specifications

(1) All-lit display

The display comes on 500 ms after the power is turned on and for about 2 seconds the entire display lights up. At the end of the all-lit display, key input can be accepted.

(2) Mechanical turned display

The state of each of the mechanical turned is displayed on the right channel of the level meter when the line meter is on. There is no such display on the left channel.



(3) Direct change

Even in play mode, the unit goes directly into record mode.

(4) A.T.C.S

Setting ARM time reduced

(Maximum about 10 seconds → about 3 seconds)

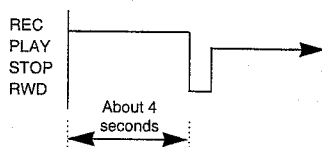
(5) A-B repeat

Setting A-B time reduced

(Maximum about 10 seconds → 2 seconds)

(6) 4-second recording

When you press the REC key, the unit records for 4 seconds, then automatically rewinds and plays back those 4 seconds. During recording, if you press the REC key again, 4 seconds are recorded from that time.



4.2 Synchronization test mode (KSJ-0816)

• Synchro test on

If the deck power is on, in any mode, the synchro test on code (E040H) turned on the synchro test

• Synchro test off

The synchro test off code (E041H) turned off the synchro test and returns the unit to the state it was in before the synchro test. Also, since the backing up is ended, the next time the power is turned on, the default values are set in the backup area.

※ When the unit goes into synchro test mode, all the main unit keys are inhibited.

• Main unit key modes

The modes below carry out regular operations.

	CODE
FWD PLAY	E020H
FF	E022H
RWD	E023H
STOP	E024H
REC	E025H
PAUSE	E026H
FWD REC	E02CH
CD PEAK SEARCH	E030H
AUTO BIAS	E033H

Dolby control (code)

Dolby OFF --- E037H

Dolby B ON --- E038H

Dolby C ON --- E039H

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CIRCUIT DESCRIPTION

- Tape selector (mechanical tape discrimination leaf turned enable/disable)

Tape Selector On code (E042H)
Enables the mechanical leaf turned

Tape Selector Off code (E043H)
Ignores the mechanical leaf turned

- When changing the tape selector with serial codes, input the above Off code (E043H), then change the selector with one of the following codes.

NORMAL (E029H)
CrO2 (E02AH)
METAL (E02BH)

- 4-second recording, special codes

Reel pulse counter reset (E047H)

When the B deck is recording, this code resets the reel pulse counter (to 00).

Reverse rewind (E048H)

Puts the unit into rewind mode in the opposite direction from the current tape travel direction.

The reel pulse counter goes into count down mode.

Reverse play at the reel pulse counter reset position (E049H)

The direction is reversed and playback started at the position where the reel pulse counter was reset (the position where the E047H code was input).

- 4-second recording operation procedure

(1) B Recording (E025H) input

The unit starts recording with the B deck.

(2) Reel pulse counter reset (E047H) input

The reel pulse counter is reset to determine the rewind position. The external timer is started and the recording time measured.

(3) After the desired time is recorded, rewind (E048H) input

The tape travel direction is reversed and tape is rewind.

The reel pulse counter goes into count down mode.

Soon after, the operations in 4 are carried out.

(4) Reverse play (E049H) input at reel pulse counter reset position

After the reel pulse counter counts down to the reset position (counter 00), the tape travel direction is reversed and play back starts.

If any other mechanical operation code is input during this series of operations, this operation mode may be ended and normal operation mode may be impossible.

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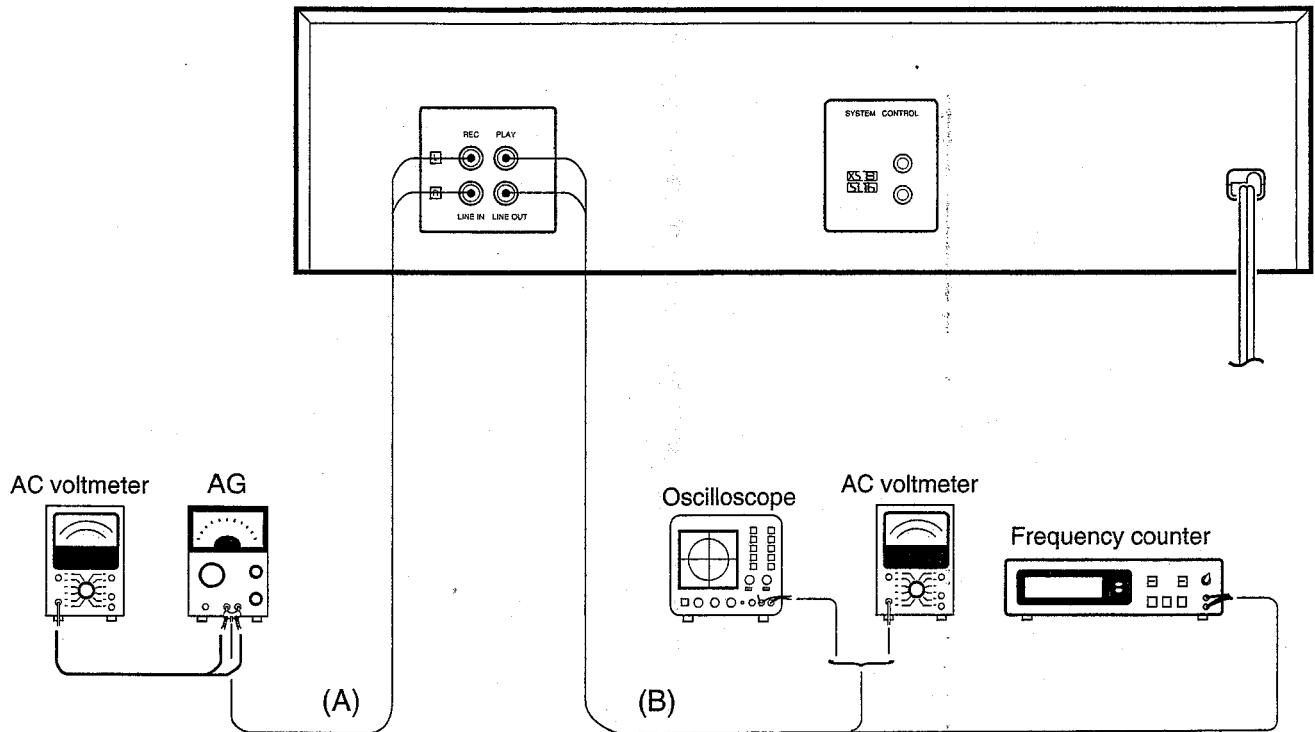
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	CASSETTE TAPE DECK SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unless otherwise specified; each switch should be set as follows : TAPE : NORMAL, DOLBY : OFF, INPUT : LINE 0dBs = 0.775V							
I. Cassette mechanism section (REC/PB head adjustment)							
[1]	Demagnetization and cleaning	—	—	Power OFF, demagnetization, cleaning play	REC/PB head, erase head, capstan, pinch roller	Demagnetize the REC/PB head by head eraser. Clean the REC/PB head, erase head capstan and pinch roller with a cotton swab immersed in alcohol.	
[2]	REC/PB head azimuth	MTT-114, TCC-153 SCC-1727 10 kHz, -10 dB	(B)	PLAY	Azimuth adjustment screw	In a setting where the output is maximized, adjust the azimuth adjustment screw so that the Lissajous figure appearing on the oscilloscope screen comes near to a line slanted 45°. Note: The head should be installed in such a manner that it approaches the tape face.	(a)
II. PC board adjustment(X26-140)							
< 1 >	Tape speed	MTT-111 TCC-100 SCC-1727 3 kHz, -4 dB	(B)	PLAY	MOTOR	Adjust so that frequency is 3 kHz at the center of the tape.	
< 2 >	Playback level	MTT-150 400 Hz (200 nwb/m)	(B)	PLAY	VR1(L) VR2(R)	Adjust so that LINE OUT is -1.2dBs	
		MTT-256 SCC-1727 315 Hz (160 nwb/m)				Adjust so that LINE OUT is -4.0 dBs.	
		MTT-256U, TCC-160 315 Hz (250 nwb/m)				Adjust so that LINE OUT is 0 dBs.	
< 3 >	Bias current	(A) 1 kHz, -30 dBs 10 kHz, -30 dBs	(B)	Adjust the REC VR (LEVEL, BALANCE) so that the REC monitor output is -20 dBs at 1 kHz, and record and playback 1 kHz, and 10 kHz alternately.	VR13(L) VR14(R)	Record 1 kHz, and 10 kHz alternately, and adjust each bias current adjustment VR so that the 10 kHz play back level is +0.5 dB against 1 kHz.	
< 4 >	Recording level	(A) 1 kHz, -30dBs	(B)	Record and playback 1 kHz with the situation of above < 3 > kept as it is.	VR11(L) VR12(R)	Adjust the variable resistors so that a playback level of -20 dBs is obtained.	
< 5 >	FL meter 0 dB	(A) 1 kHz, -10 dBs	—	REC PAUSE adjust REC VR(LEVEL, BALANCE) so that the monitor output is 0 dBs at 1 kHz.	VR15(R)	Adjust to the same level as that to L-channel.	
Note: On item < 2 > in "II. PC board adjustment"							
Although 3 kinds of tapes are set forth for the playback level adjustment, the use of one tape suffices for adjustment. Here is meant no necessity for the use of all these 3 kinds of tapes. Other than the abovementioned tapes, when a test tape equal in magnetic flux and frequency is available, the adjustment is feasible with this test tape by making the playback output suited to the specified output level of this tape in agreement with the adjustment method.							

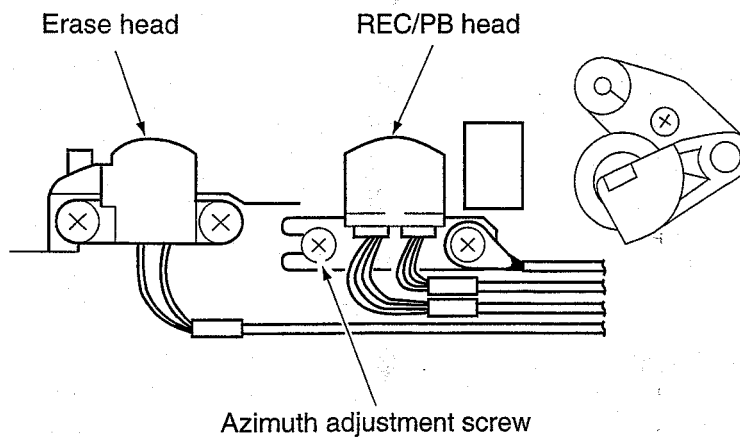
KX-3080/5080S

ADJUSTMENT

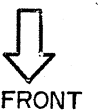
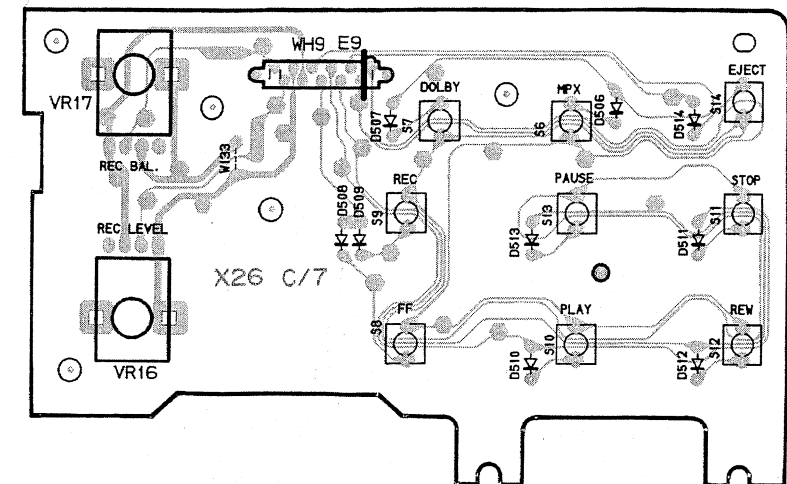
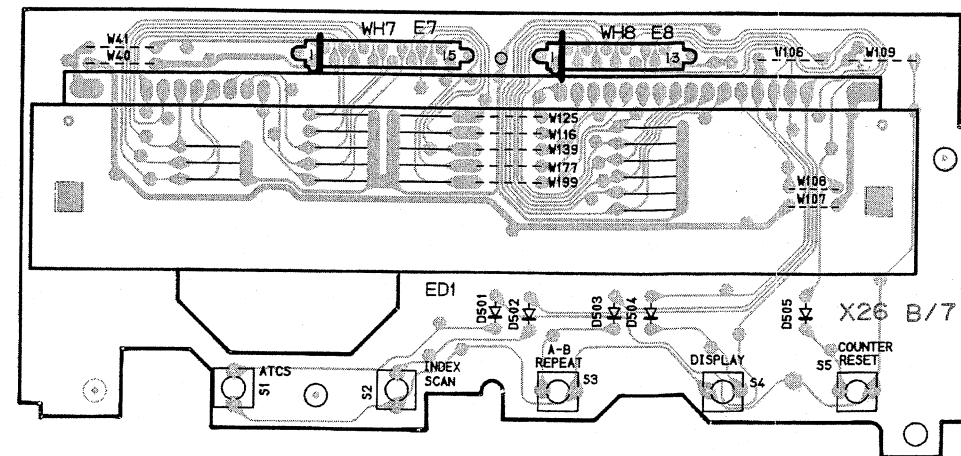
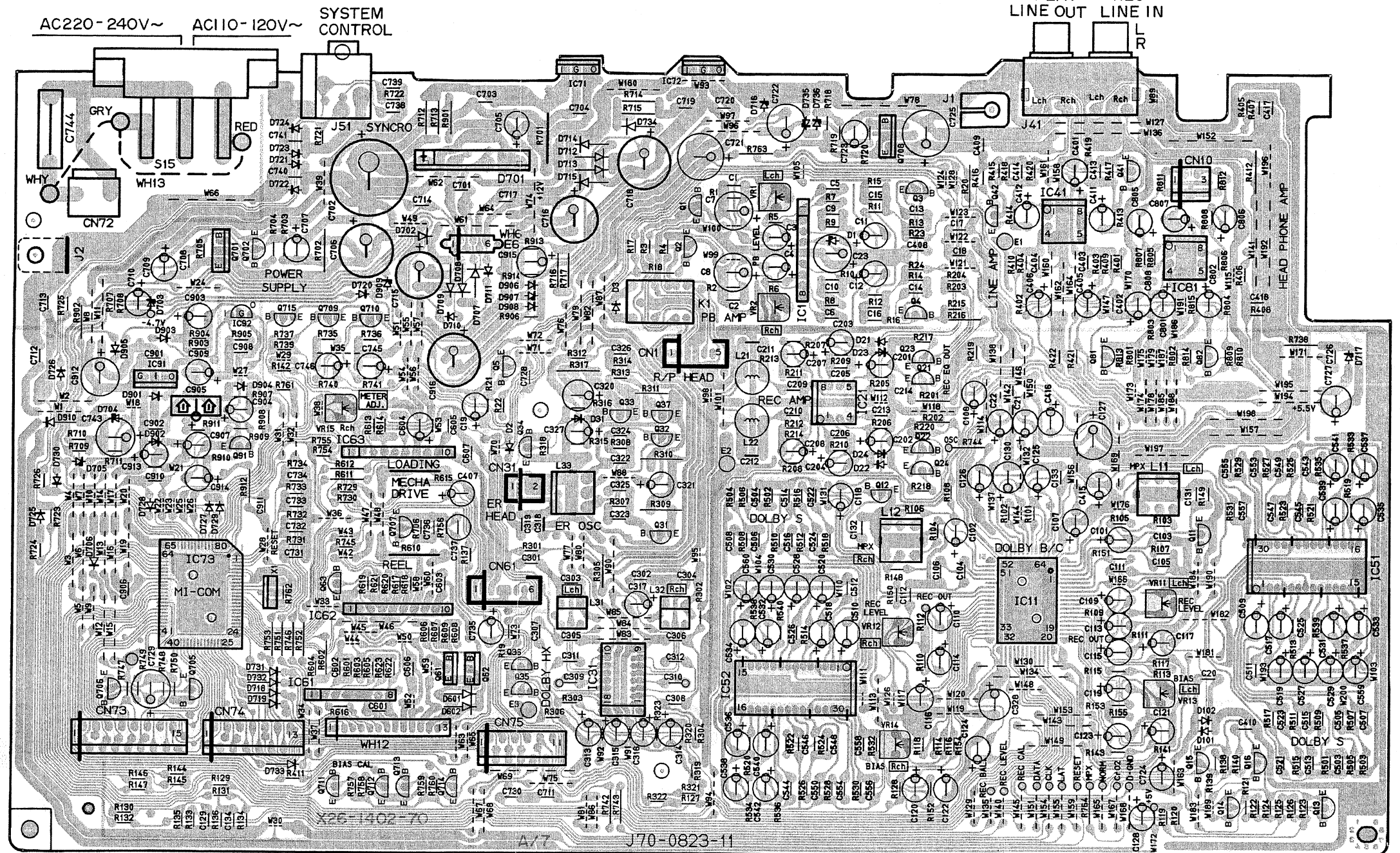
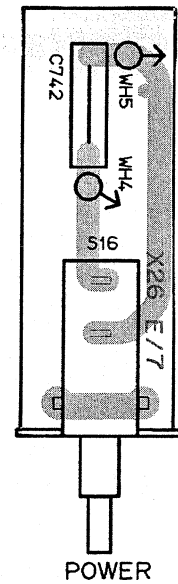
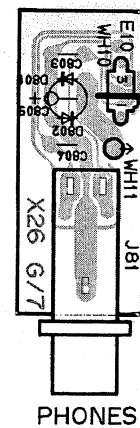
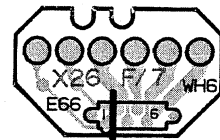
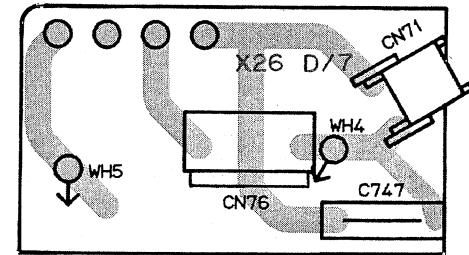
Measurement Equipment Connection :



(a) Azimuth adjustment screw

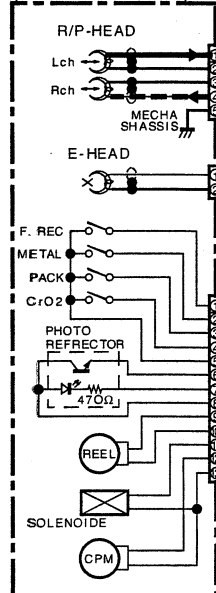


PC BOARD (Component side view)



Refer to the schematic diagram for the values of resistors and capacitors.

(D40-1460-5)



MODEL NAME	DESTINATION COUNTRY	ABB	UNIT NO.	D733	R150, R151	C744, C745, WH13
KX-5080S	EUROPE	E	2-70	YES	NO	NO
	ENGLAND	T	0-21	YES	NO	NO
KX-3080	GENERAL MARKET	M	0-21	YES	NO	NO
	EUROPE	E	2-71	NO	YES	NO
	AUSTRALIA	X	2-71	NO	YES	NO
	ENGLAND	T	0-22	YES	NO	NO
	GENERAL MARKET	M	0-22	YES	NO	YES

IC1 : TA8125S
IC11 : CXA1797Q
IC21 : NJM4560D-N
IC31 : μ PC1297CA
IC41 : NJM4565D-D
IC61 : BA10393N
IC62, 63 : BA6209
IC71 : BA17812T or μ PC7812AHF
IC72 : μ PC7818AHF
IC73 : HD6433723D69F
IC81 : NJM4565D
IC91 : TA78057S
IC92 : PST993D-T

Q1, 2, 5, 31, 32, 91, 705, 706 : 2SC3311A(Q, R) or 2SC2458(Y, GR)
Q3, 4, 11-16, 23, 24, 34-36, 707, 711-714 : UN4212 or DTC124ES
Q21, 22, 41, 42 : 2SD1450(S, T) or 2SC2878(B)
Q81, 82 : 2SC3940A(R, S)
Q37 : 2SA1534A(R, S)
Q61, 62 : 2SC3666
Q63 : UN4219 or DTC113ZS
Q701 : 2SB1370 or 2SB1375
Q702 : 2SA1309A(Q, R) or 2SA1048(Y, GR)

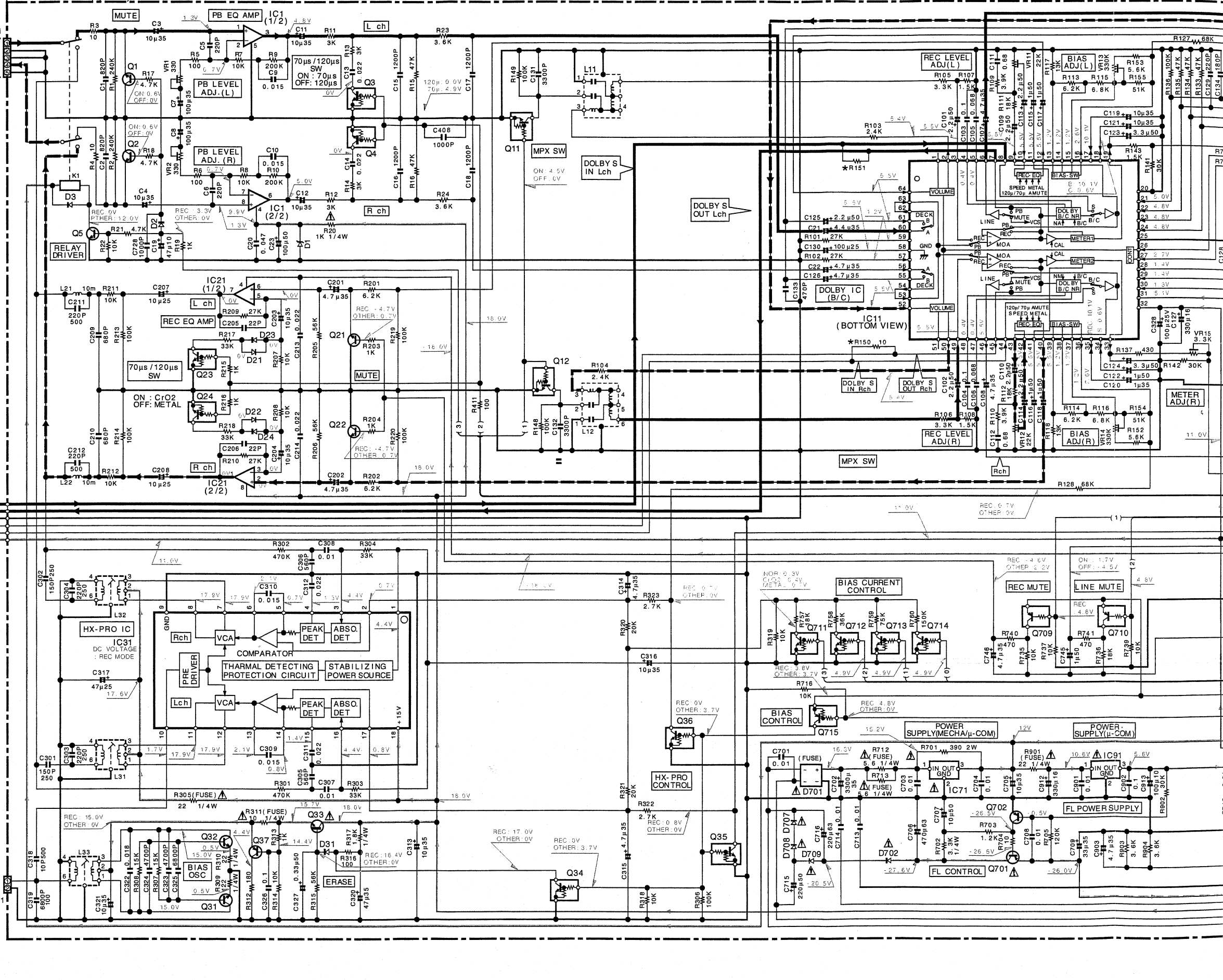
Q708 : 2SC3944A
Q709, 710, 715 : UN4116 or DTA143TS

D1 : RD10ES(B2) or HZS10N(B2)
D2, 3, 21-24, 31, 101, 102, 706, 720-730, 801, 802, 901-906, 908, 910 : 1SS131 or HSS104A

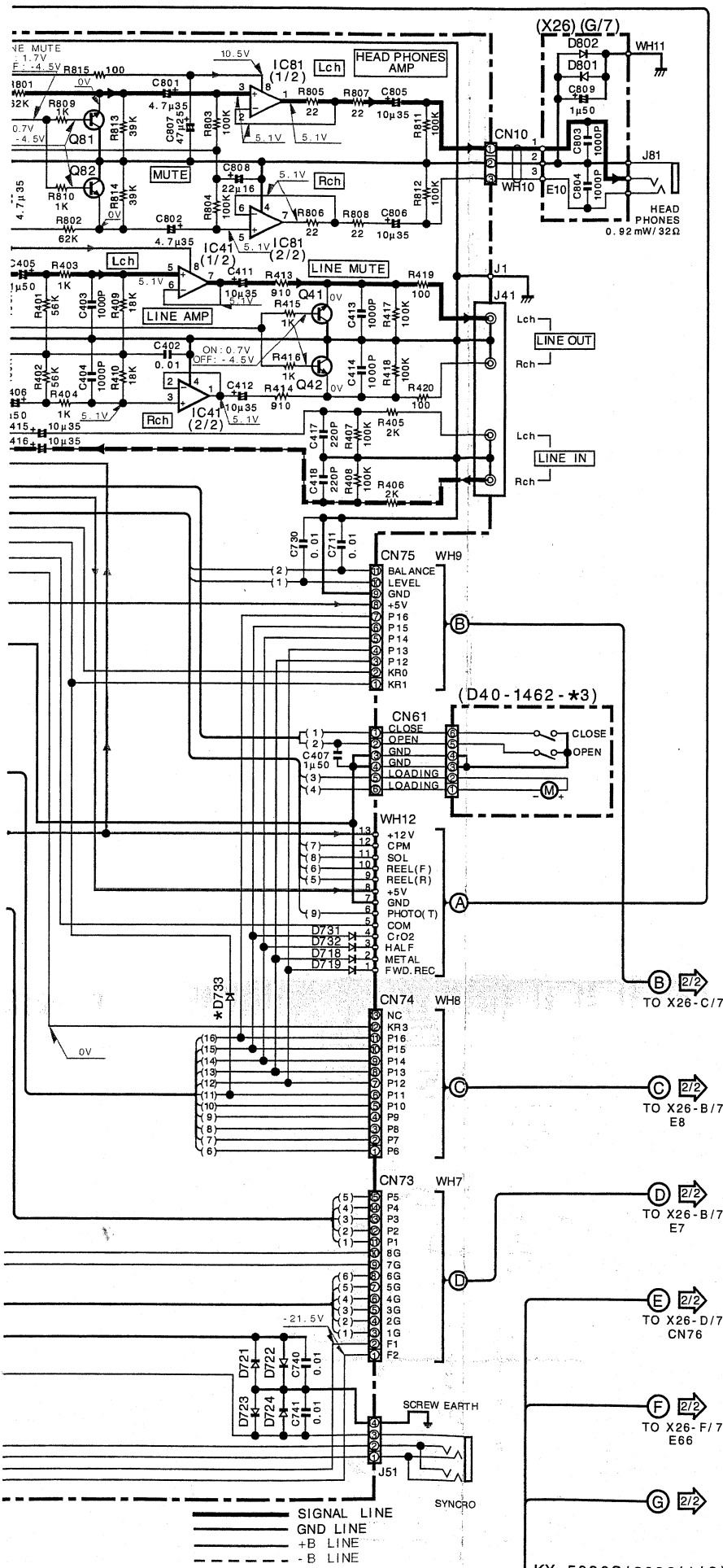
D601, 602, 710, 711, 718, 719, 731-733 : 1SS131 or HSS104A
D701 : D3SBA20F03 or RBV-402LFA
D702, 707-709, 712-715, 734 : S5688B or 1SR139-100

D703 : RD4.7ES(B) or HZS4.7N(B)
D704 : RD2.7ES(B) or HZS2.7N(B)
D705 : RD3.3ES(B) or HZS3.3N(B)
D716 : RD18ES(B) or HZS18N(B)
D717 : RD5.1JS(B2) or HZS5.1S(B2)
D735, 909 : RD6.8ES(B2) or HZS6.8N(B2)
D736 : RD6.2ES(B2) or HZS6.2N(B2)
D907 : RD3.9ES(B) or HZS3.9N(B)

(X26-140X-XX) (A/7)







CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

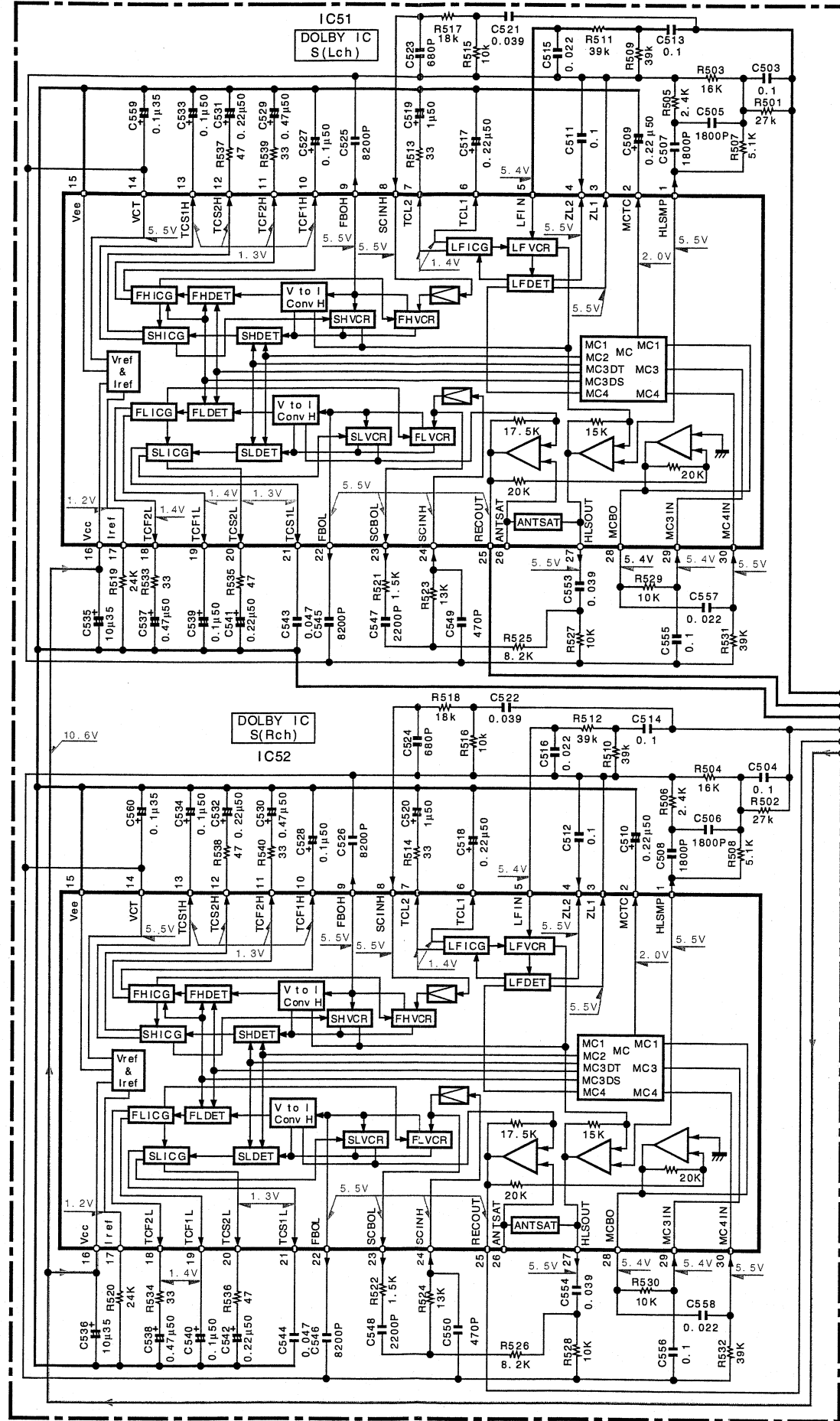
KX-5080S/3080(1/2)

Y26-4132-70

KX-3080/5080S

KENWOOD

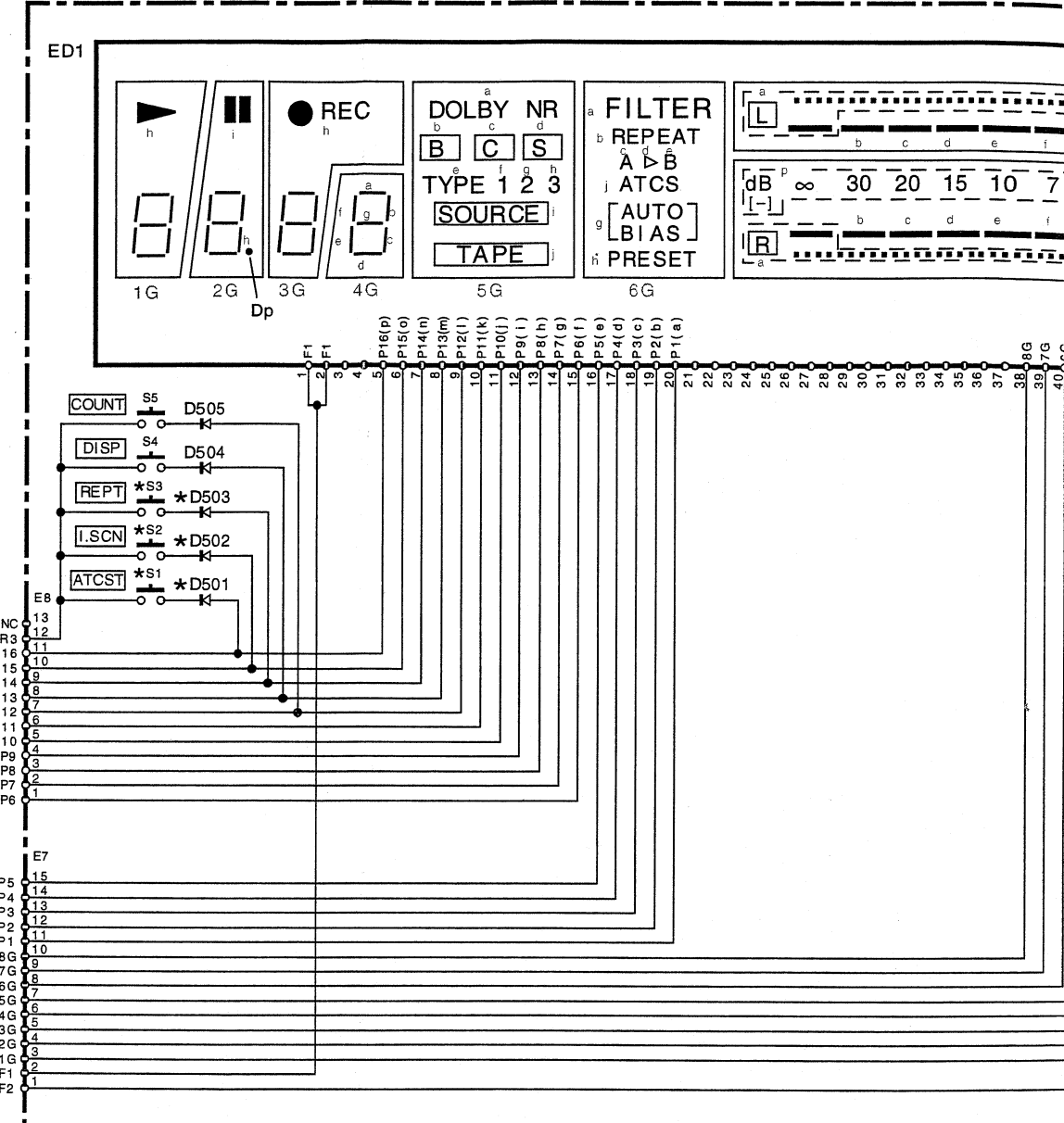
(X26-1402-70) (2/2) (KX-5080S ONLY)

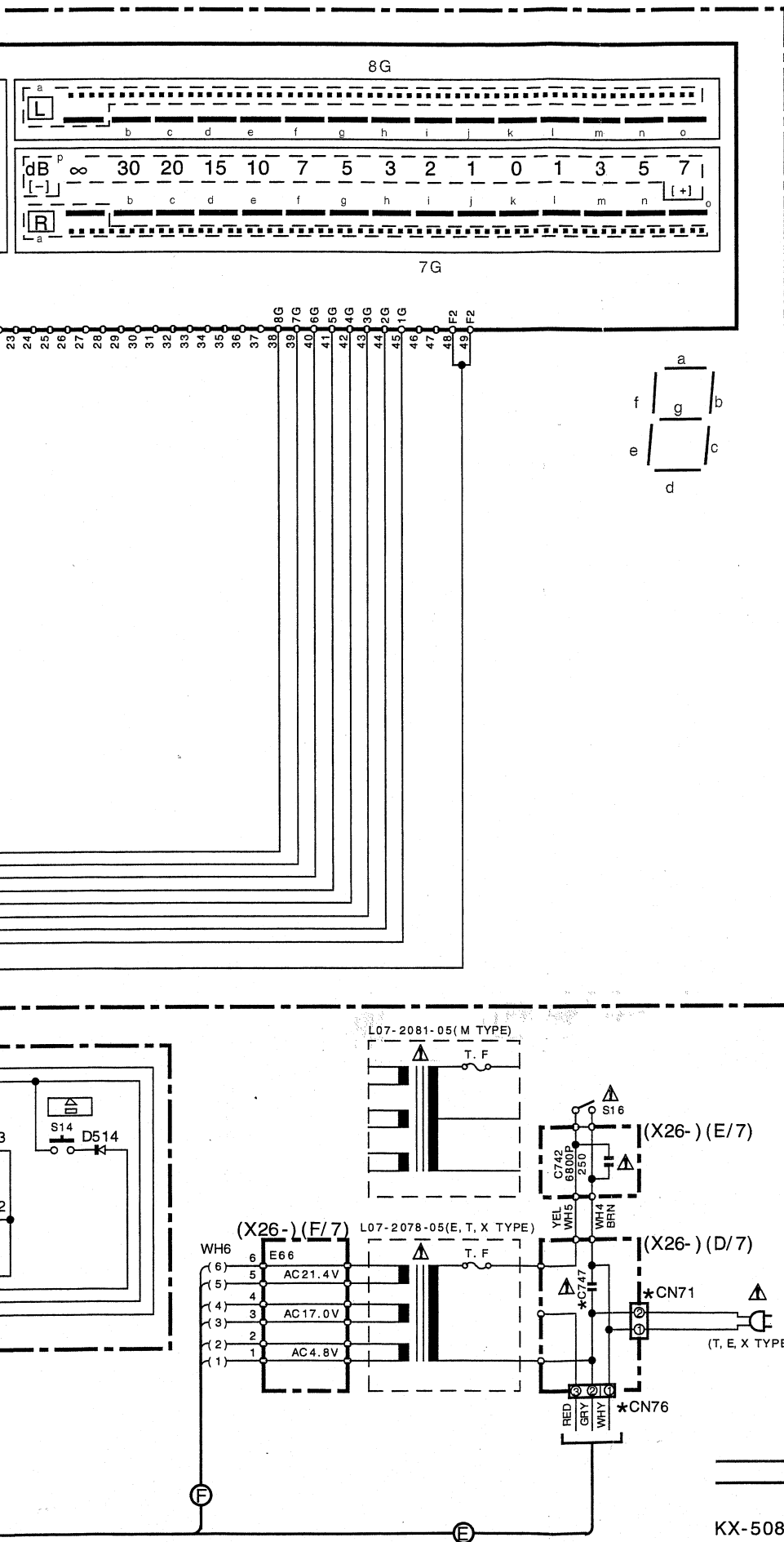


	KX-5080S		KX-3080S	
	2-70	0-21	2-71	0-22
	E,T	M	E,T,X	M
C747	YES	NO	YES	NO
CN71	YES	NO	YES	NO
CN76	NO	YES	NO	YES
D501-503,	YES	YES	NO	NO
S1~3	YES	YES	NO	NO

IC51.52 : CXA1917S
D501-514 : 1SS131 or HSS104A

(X26-140X-XX) (B/7)



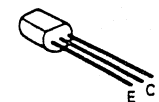


CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

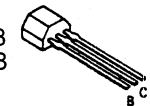
The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

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2SA1534A
2SC2878
2SC3940A



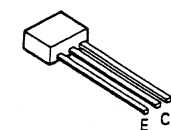
DTA143TS
DTC124ES
UN4116
2SA1048
2SC2458



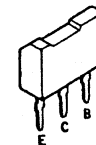
2SB1370
2SC3944A



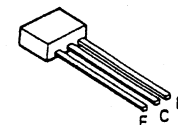
UN4212
UN4219
2SA1309A
2SC3311A



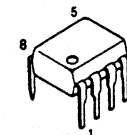
2SC3666



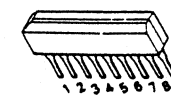
2SB1375



NJM4560D-N
NJM4565D
NJM4565D-D



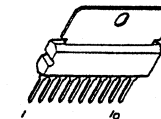
TA8125S



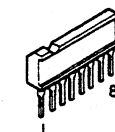
BA17812T
UPC7812AHF
UPC7818AHF



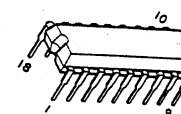
BA6209



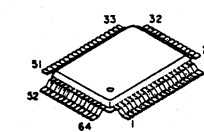
BA10393N



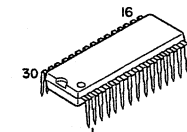
UPC1297CA



CXA1797Q

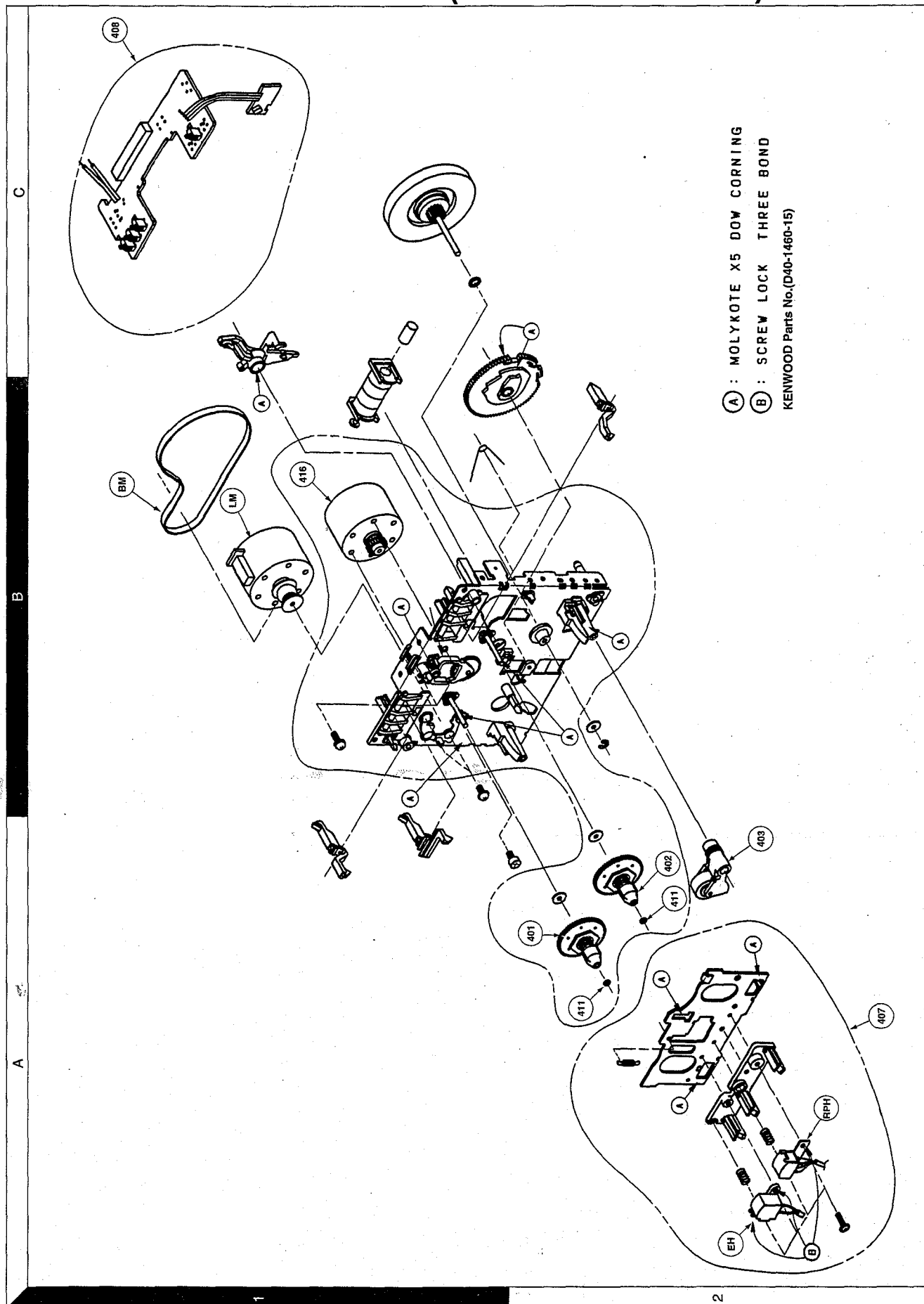


CXA1917S



KX-3080/5080S

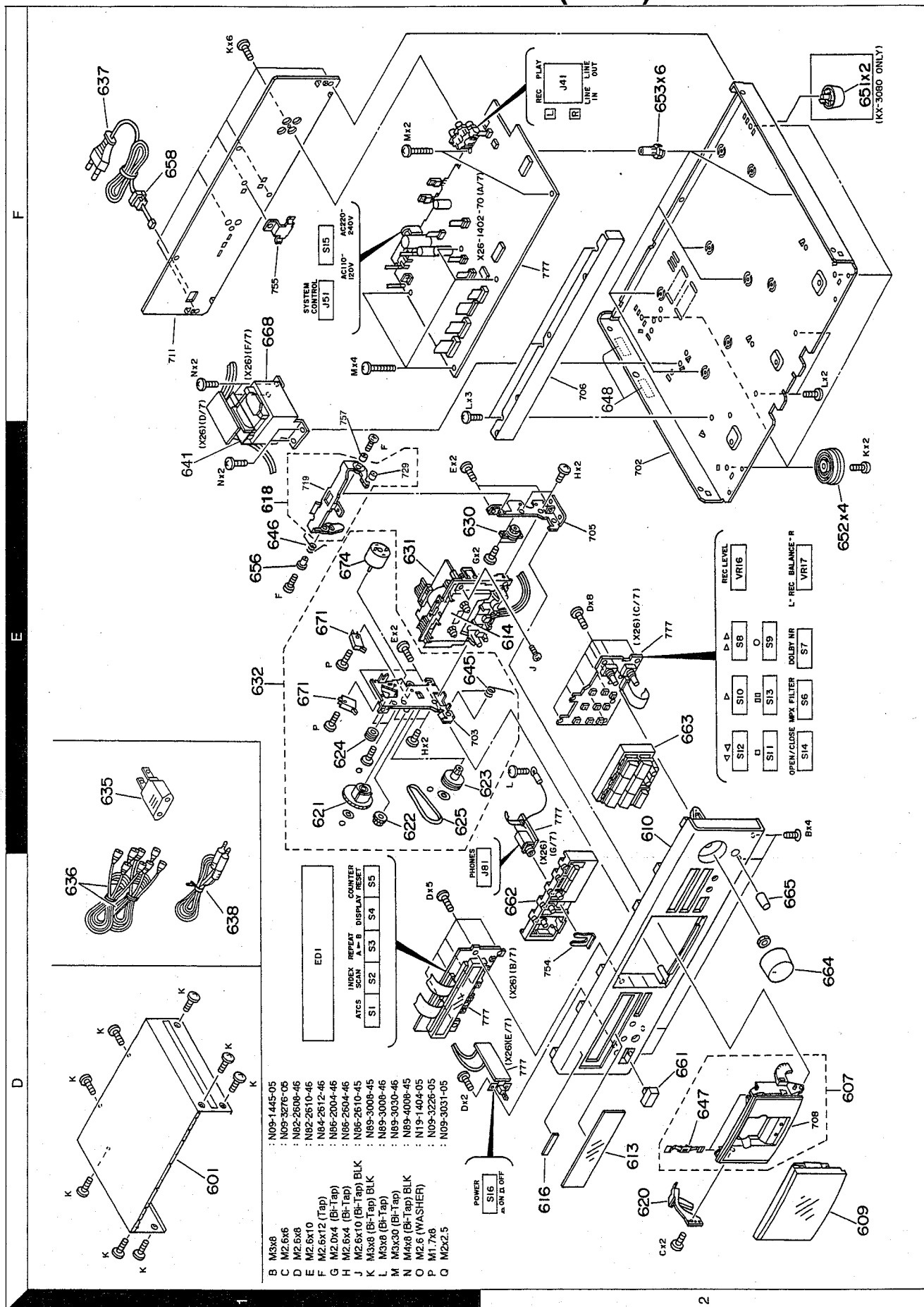
EXPLODED VIEW (DECK MECHANISM)



Parts without reference number in the exploded view are not supplied.

KX-3080/5080S

KX-3080/5080S



KX-3080/5080S

PARTS LIST

* New Parts
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Teile ohne Parts No. werden nicht geliefert.

Ref. No	Add-ress	New Parts	Parts No.	Description	Depth-nation	Re-marks
651	2F	*	H50-1711-04	ITEM CARTON CASE	EX	3
652	2E	*	H50-1712-04	ITEM CARTON CASE	M	3
653	2E	*	H50-1772-04	ITEM CARTON CASE	T	3
658	1F	*	H50-1773-04	ITEM CARTON CASE	E	5
		*	H50-1774-04	ITEM CARTON CASE	M	5
		*	H50-1775-04	ITEM CARTON CASE	T	5
651	2F	*	J02-1013-05	FOOT		3
652	2E	*	J02-1148-13	FOOT		
653	2E	*	J19-3730-04	UNIT HOLDER		
658	1F	*	J42-0083-05	POWER CORD BUSHING		
		*	J61-0081-05	WIRE BAND		
		*	J61-0098-05	WIRE BAND		
661	2D	*	K27-2175-04	KNOB (BUTTON)		
662	2D	*	K29-6277-03	KNOB		
663	2E	*	K29-6279-03	KNOB		
664	2D	*	K29-6280-04	KNOB		
665	2D	*	K29-6281-14	KNOB		
668	1F	*	L07-2078-05	POWER TRANSFORMER	EXT	
668	1F	*	L07-2081-05	POWER TRANSFORMER	M	
671	1E	*	S74-0055-05	MICRO SWITCH		
674	1E	*	T42-0577-05	DC MOTOR		
CASSETTE UNIT (X26-140X-XX)						
C12			CO93FMG1H821J	MYLAR		
C3,4			CE04KW1V100M	ELECTRO	J	35W
C5,6			CC45FSL1H221J	CERAMIC	J	220PF
C7,8			CE04KW1V100M	ELECTRO	J	35W
C9,10			CO93FMG1H153J	MYLAR		0.015UF
C11,12			CE04KW1V100M	ELECTRO	J	35W
C13,14			CO93FMG1H223J	MYLAR		0.022UF
C15-18			CK45FB1H122K	CERAMIC	K	1200PF
C19			CE04KW1A470M	ELECTRO	J	47UF
C20			CK45FF1H103Z	CERAMIC	Z	0.010UF
C21,22			CE04KW1V4R7M	ELECTRO	J	35W
C23			CE04KW1H101M	ELECTRO	J	50W
C101,102			CE04KW1H2R2M	ELECTRO	J	50W
C103,104			CO93FMG1H104J	MYLAR		0.100UF
C105,106			CO93FMG1H883J	MYLAR		0.088UF
C107,108			CE04KW1V4R7M	ELECTRO	J	35W
C109,110			CE04KW1H2R2M	ELECTRO	J	50W
C111,112			CF92FV1H684J	MF-C	J	0.68UF
C113,114			CE04KW1H2R2M	ELECTRO	J	50W
C115-118			CE04KW1H010M	ELECTRO	J	50W
C119-122			CE04KW1V100M	ELECTRO	J	35W
C123,124			CE04KW1H9B3M	ELECTRO	J	50W
C125,126			CE04KW1H2R2M	ELECTRO	J	50W
C127			CE04KW1C331M	ELECTRO	J	16W
C128			CE04KW1A101M	ELECTRO	J	10W
C129			CC45FSL1H221J	CERAMIC	J	220PF
C130			CE04KW1E101M	ELECTRO	J	100UF
C131,132			CO93FMG1H332J	MYLAR	J	3300PF
C133			CK45FB1H471K	CERAMIC	K	470PF
C134			CC45FSL1H181J	CERAMIC	J	180PF

L: Scandinavia K: USA P: Canada
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3: KX-3080
5: KX-5080S
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* New Parts
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Ref. No	Add-ress	New Parts	Parts No.	Description	Depth-nation	Re-marks
KX-3080/5080S						
601	1D	*	A01-3292-01	METALLIC CABINET		3
607	2D	*	A53-1914-03	CASSETTE HOLDER ASSY		5
609	2D	*	A53-1916-13	CASSETTE LID		5
610	2D	*	A53-1934-03	CASSETTE LID		5
		*	A60-0834-11	PANEL		
610	2F	*	A60-0835-11	PANEL		
613	2D	*	B03-2965-04	DRESSING PLATE		
614	1E	*	B03-2968-13	DRESSING PLATE		
616	2D	*	B43-0302-04	KENWOOD BADGE		
		*	B46-0098-53	WARRANTY CARD		
		*	B46-0310-03	WARRANTY CARD		
		*	B58-0945-03	CAUTION CARD		
		*	B58-0965-13	CAUTION CARD (PL)		
		*	B58-0966-13	CAUTION CARD (PL)		
		*	B60-2423-00	INSTRUCTION MANUAL(ENGLISH)		
		*	B60-2424-00	INSTRUCTION MANUAL(FRENCH)		
		*	B60-2425-00	INSTRUCTION MANUAL(GERMAN)		
		*	B60-2426-00	INSTRUCTION MANUAL(ITALY)		
		*	B60-2427-00	INSTRUCTION MANUAL(SPANISH)		
		*	B60-2428-00	INSTRUCTION MANUAL(TAIWAN)		
		*	B60-2646-00	INSTRUCTION MANUAL(CHINESE)		
618	1E	*	D10-3610-04	LEVER ASSY		
620	2D	*	D10-3615-04	ARM		
621	1E	*	D12-0155-03	CAM		
622	1E	*	D13-1724-04	GEAR		
623	1E	*	D15-0389-04	PULLEY		
624	1E	*	D15-0390-04	MOTOR PULLEY		
625	1E	*	D16-0395-03	BELT		
630	1E	*	D39-0324-05	DAMPER		
632	1E	*	D40-1462-23	EJECT MECHANISM ASSY		
635	1F	*	E03-0115-05	AC PLUG ADAPTER		
636	1D	*	E30-0505-05	AUDIO CORD		
637	1F	*	E30-2788-05	AC POWER CORD		
637	1F	*	E30-2790-05	AC POWER CORD		
637	1F	*	E30-2791-05	AC POWER CORD		
638	1D	*	E30-2816-05	CORD WITH PLUG		
641	1F	*	F20-1471-04	INSULATING BOARD		
645	2E	*	G01-3842-04	TORSION COIL SPRING		
646	1E	*	G01-3848-04	TORSION COIL SPRING		
647	2D	*	G02-1057-14	FLAT SPRING		
648	2F	*	G11-2242-04	CUSHION		
		*	H10-7116-02	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7117-02	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7118-02	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7119-02	POLYSTYRENE FOAMED FIXTURE		
		*	H12-2290-04	PACKING FIXTURE		
		*	H13-0211-14	CARTON BOARD		
		*	H20-0568-04	PROTECTION COVER		
		*	H25-0232-04	PROTECTION BAG (235X350X0.03)		
		*	H25-0391-04	PROTECTION BAG		
		*	H25-0651-04	PROTECTION BAG		

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PARTS LIST

* New Parts
Parts without
Les articles no
Teile ohne Par

Parts without **Parts No.** are not supplied.
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Teil ohne **Parts No.** werden nicht geliefert.

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Ref. No.	Add- ress	New Parts	Parts No.	Description	Re- marks
C201, 202			CE04KW1V4R7M	ELECTRO	
C203, 204			CE04KW1V100M	ELECTRO	35WV
C205, 206			CC45FSLH22J	CERAMIC	35WV
C207, 208			C90-1854-05	ELECTRO	J
C209, 210			CK45FB1H681K	CERAMIC	22PF
					680PF
C211, 212			CC45FSL2H221J	CERAMIC	J
C213, 214			CQ93FMG1H223J	MYLAR	220PF
C301, 302			C91-1434-05	FILM	160PF
C303, 304			C91-1436-05	FILM	J
C305, 306			CK45FB1H561K	CERAMIC	220PF
					560PF
C307, 308			CQ93FMG1H103J	MYLAR	J
C309, 310			CQ93FMG1H153J	MYLAR	0.010UF
C311, 312			CQ93FMG1H223J	MYLAR	0.015UF
C313			CE04KW1V100M	ELECTRO	0.022UF
C314, 315			CE04KW1V4R7M	ELECTRO	10UF
					4.7UF
C316			CE04KW1V100M	ELECTRO	35WV
C317			CE04KW1E470M	ELECTRO	10UF
C318			CC45FSL2H100D	CERAMIC	26WV
C319			CQ93HP2A682J	MYLAR	D
C320			CE04KW1V470M	ELECTRO	6800PF
					47UF
C321			CE04KW1V100M	ELECTRO	35WV
C322			CQ93FMG1H183J	MYLAR	10UF
C323, 322			CQ93FMG1H472J	MYLAR	0.018UF
C325			CQ93FMG1H682J	MYLAR	4700PF
C326			CQ93FMG1H104J	MYLAR	6800PF
					0.10UF
C327			CE04KW1HR33M	ELECTRO	0.33UF
C328			CE04KW1E101M	ELECTRO	100UF
C401			CE04KW1V4R7M	ELECTRO	26WV
C403, 404			CK45FF1H103Z	CERAMIC	35WV
					4.7UF
					0.010UF
					1000PF
C405-407			CE04KW1H010M	ELECTRO	50WV
C408			CK45FB1H102K	CERAMIC	1.0UF
C409			CQ93FMG1H103J	MYLAR	1000PF
C410			CK45FF1H103Z	CERAMIC	0.010UF
C411, 412			CE04KW1V100M	ELECTRO	0.010UF
					10UF
C413, 414			CK45FB1H102K	CERAMIC	K
C415, 416			CE04KW1E100M	ELECTRO	100PF
C417, 418			CC45FSL1H221J	CERAMIC	35WV
C503, 504			CQ93FMG1H104J	MYLAR	J
C505-508			CQ93FMG1H182J	MYLAR	J
					1800PF
C509-510			CE04KW1HR22M	ELECTRO	50WV
C511-514			CQ93FMG1H104J	MYLAR	0.22UF
C515, 516			CQ93FMG1H223J	MYLAR	0.10UF
C517, 518			CE04KW1HR22M	ELECTRO	0.022UF
C519, 520			CE04KW1H010M	ELECTRO	0.22UF
					1.0UF
C521, 522			CQ93FMG1H393J	MYLAR	0.039UF
C523, 524			CQ93FMG1H681J	MYLAR	J
C525, 526			CQ93FMG1H822J	MYLAR	8200PF
C527, 528			CE04KW1H081M	ELECTRO	0.1UF
C529, 530			CE04KW1HR47M	ELECTRO	0.47UF
					50WV
C531, 532			CE04KW1HR22M	ELECTRO	50WV
C533, 534			CE04KW1H081M	ELECTRO	0.22UF
C535, 536			CE04KW1V100M	ELECTRO	0.1UF
C537, 538			CE04KW1HR47M	ELECTRO	10UF
C539, 540			CE04KW1H081M	ELECTRO	0.47UF
					50WV

Scandinavia **K : USA** **P : Canada** **3 : KX-3080**

5: KX-5080S

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* New Parts
Parts without
Les articles no
Teile ohne Par

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Feuille ohne **Parts No.** werden nicht geliefert.

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Teile ohne **Parts No.** werden nicht geliefert.

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desi- nation	Re- marks
C541,542			CE04KW1HR22M	ELECTRO	0.22UF	50WV
C543,544			CO93FMG1H473J	MYLAR	0.047UF	J
C545,546			CO93FMG1H822J	MYLAR	8200PF	J
C547,548			CO93FMG1H222J	MYLAR	2200PF	J
C549,550			CO93FMG1H471J	MYLAR	470PF	J
C553,554			CO93FMG1H393J	MYLAR	0.039UF	J
C555,556			CO93FMG1H104J	MYLAR	0.10UF	J
C557,558			CO93FMG1H223J	MYLAR	0.022UF	J
C559,560			CE04KW1V100M	ELECTRO	10UF	35WV
C601-603			CK45FF1H103Z	CERAMIC	0.010UF	Z
C604			CE04KW1H220M	ELECTRO	22UF	50WV
C605			CK45FF1H103Z	CERAMIC	0.010UF	Z
C606,607			CK45FF1H473Z	CERAMIC	0.047UF	Z
C701			CK45FF1H103Z	CERAMIC	0.010UF	Z
C702			CE04KW1V332M	ELECTRO	3300UF	35WV
C703			CK45FF1H103Z	CERAMIC	0.010UF	Z
C704			CO93FMG1H104J	MYLAR	0.10UF	J
C705			CE04KW1V100M	ELECTRO	10UF	35WV
C706			CE04KW1J471M	ELECTRO	470UF	63WV
C707			CE04KW1H100M	ELECTRO	10UF	50WV
C708			CK45FF1H103Z	CERAMIC	0.010UF	Z
C709			CE04KW1V330M	ELECTRO	33UF	35WV
C710			CE04KW1A101M	ELECTRO	0.010UF	10WV
C711			CO93FMG1H103J	MYLAR	0.010UF	J
C712-714			CK45FF1H103Z	CERAMIC	0.010UF	Z
C715			CE04KW1H221M	ELECTRO	22UF	50WV
C716			CE04KW1J21M	ELECTRO	220UF	63WV
C717			CK45FF1H103Z	CERAMIC	0.010UF	Z
C718			CE04KW1H471M	ELECTRO	470UF	50WV
C719-720			CF92FV1H124J	MF-C	0.12UF	J
C721			CE04DW1E331M	ELECTRO	330UF	25WV
C722			CE04KW1E221M	ELECTRO	220UF	25WV
C723			CE04KW1E470M	ELECTRO	47UF	25WV
C724			CE04KW1H010M	ELECTRO	1.0UF	50WV
C725			CE04DW1C471M	ELECTRO	470UF	16WV
C726			CK45FB1H222K	CERAMIC	2200PF	K
C727			CE04KW1E101M	ELECTRO	100UF	25WV
C728			CK45FB1H102K	CERAMIC	1000PF	K
C729			CE04KW1V101M	ELECTRO	100UF	35WV
C730			CO93FMG1H103J	MYLAR	0.010UF	J
C731-734			CC45FSL1H221J	CERAMIC	220PF	J
C735			CE04KW1V100M	CERAMIC	220PF	J
C736			CO93FMG1H332J	MYLAR	10UF	35WV
C737			CE04HW1HR47M	NP-ELEC	3300PF	J
C738,739			CC45FSL1H221J	CERAMIC	0.47UF	50WV
C740,741			CK45FF1H103Z	CERAMIC	220PF	J
C742			C91-1489-05	MF	0.010UF	Z
C743			CE04KW1J470M	ELECTRO	6800PF	250VAC
C744			C91-1488-05	MF	47UF	63WV
C745			CE04KW1H010M	ELECTRO	1.0UF	250VAC
C746			CE04KW1V47M	ELECTRO	4.7UF	35WV
C801,802			C91-1489-05	MF	6800PF	250VAC
C803,804			CK45FB1H102K	CERAMIC	1000PF	K
C805,806			CE04KW1V100M	ELECTRO	10UF	35WV

L : Scandinavia	K : USA	P : Canada	3 : KX-3080
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Y: PX(Far East, Hawaii) **T:** Europe **E:** Europe
5: KX-5080S

Y: AAFES(Europe) **X**: Australia **M**: Other Areas

A indicates safety critical components.

KX-3080/5080S

PARTS LIST

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Parts without **Parts No.** are not supplied.
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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
VR15			R12-1618-05	TRIMMING POT.(3.3K)		
VR16			R31-0061-05	VARIABLE RESISTOR		
VR17			R31-0060-05	VARIABLE RESISTOR		
K1			S76-0027-05	MAGNETIC RELAY		
S1-14			S70-0031-05	TACT SWITCH		
S15			S62-0001-05	SLIDE SWITCH		
S16			S40-1153-05	PUSH SWITCH		
D1			HZS10N(B2)	ZENER DIODE		
D2			RD10ES(B2)	ZENER DIODE		
D2.3			HSS104	DIODE		
D21-24			HSS133	DIODE		
D21-24			HSS104	DIODE		
D31			HSS133	DIODE		
D101,102			HSS104	DIODE		
D101,102			HSS133	DIODE		
D501-514			HSS104A	DIODE		
D501-514			HSS131	DIODE		
D601,602			HSS104A	DIODE		
D601,602			HSS131	DIODE		
D701			D3SBA20F03	DIODE		
D701			RBV402LFA	DIODE		
D702			S5688B	DIODE		
D702			1SR139-100	DIODE		
D703			HZS4.7N(B)	ZENER DIODE		
D703			RD4.7ES(B)	ZENER DIODE		
D704			HZS2.7N(B)	ZENER DIODE		
D704			RD2.7ES(B)	ZENER DIODE		
D705			HZS3.3N(B)	ZENER DIODE		
D705			RD3.3ES(B)	ZENER DIODE		
D706			HSS104	DIODE		
D706			1SS133	DIODE		
D707-709			S5688B	DIODE		
D707-709			1SR139-100	DIODE		
D710,711			HSS104A	DIODE		
D710,711			1SS131	DIODE		
D712-715			S5688B	DIODE		
D712-715			1SR139-100	DIODE		
D716			HZS18N(B)	ZENER DIODE		
D716			RD18ES(B)	ZENER DIODE		
D717			HZS5.1S(B2)	ZENER DIODE		
D717			RD5.1JS(B2)	ZENER DIODE		
D718,719			HSS104A	DIODE		
D718,719			1SS131	DIODE		
D720-730			HSS104	DIODE		
D720-730			1SS133	DIODE		
D731-732			HSS104A	DIODE		
D731-732			1SS131	DIODE		
D733			HSS104A	DIODE		
D733			1SS131	DIODE		
D734			S5688B	DIODE		
D734			1SR139-100	DIODE		
D735			HZS6.8N(B2)	ZENER DIODE		

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C807			CE04KW1E470M	ELECTRO		
C808			CE04KW1C220M	ELECTRO		
C809			CE04KW1H010M	ELECTRO		
C901			CK45FFH103Z	CERAMIC		
C902			CO33FMG1H104J	MYLAR		
C903			CE04KW1V4R7M	ELECTRO		
C904			CE04KW1H010M	ELECTRO		
C905			C90-1826-05	BACKUP-C		
C906			CK45FFH223Z	CERAMIC		
C907			CE04KW1A101M	ELECTRO		
C908			CK45FFH223Z	CERAMIC		
C909			CE04KW1V100M	ELECTRO		
C910			CO33FMG1H102J	MYLAR		
C911			CK45FBH102K	CERAMIC		
C912			CE04KW1C331M	ELECTRO		
C913			CE04KW1A101M	ELECTRO		
C914			CE04KW1H010M	ELECTRO		
C915			CE04KW1V470M	ELECTRO		
C916			CE04KW0J222M	ELECTRO		
CN1			E40-3249-05	PIN ASSY		
CN10			E40-4293-05	FLAT CABLE CONNECTOR		
CN31			E40-3246-05	PIN ASSY		
CN61			E40-3250-05	PIN ASSY		
CN71			E40-4632-05	PIN ASSY		
CN72			E40-4244-05	PIN ASSY		
CN73			E40-4244-05	SOCKET FOR PIN ASSY		
CN74			E40-4234-05	FLAT CABLE CONNECTOR		
CN75			E40-4030-05	FLAT CABLE CONNECTOR		
CN76			E40-4428-05	PIN ASSY		
J41			E63-0136-15	PHONO JACK		
J51			E11-0188-05	MINIATURE PHONE JACK(2P)		
J81			E11-0272-05	PHONE JACK		
L11,12			L79-0791-05	LC FILTER		
L21,22			L40-1035-29	SMALL FIXED INDUCTOR(10MH, J)		
L31,32			L32-0547-05	BIAS OSCILLATING COIL		
L33			L32-0533-05	BIAS OSCILLATING COIL		
X1			L78-0290-05	RESONATOR (8MHZ)		
R20			RD14NB2E102J	RD		
R305			R92-0508-05	FUSE RESIST		
R309,310			RD14NB2E220J	RD		
R311			R92-0219-05	FUSE RESIST		
R317			RD14NB2E182J	RD		
R412			RD14NB2E100J	RD		
R610			RS14KB3D100J	FL-PROOF RS		
R615			RS14KB3D100J	FL-PROOF RS		
R701			RS14KB3D391J	FL-PROOF RS		
R702			RD14NB2E332J	RD		
R712,713			R92-0265-05	FUSE RESIST		
R714,715			R92-0341-05	FUSE RESIST		
R763			R92-0341-05	FUSE RESIST		
R901			R92-0508-05	FUSE RESIST		
VR1,2			R12-0606-05	TRIMMING POT.(330K)		
VR11,12			R12-3686-05	TRIMMING POT.(22K)		
VR13,14			R12-6663-05	TRIMMING POT.(330K)		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
Q81 .82			2SD1450(S, T)	TRANSISTOR		
Q81			2SC2458(Y, GR)	TRANSISTOR		
Q81			2SC3311A(Q, R)	TRANSISTOR		
Q701			2SB1370	TRANSISTOR		
Q701			2SB1375	TRANSISTOR		
Q702			2SA1048(Y, GR)	TRANSISTOR		
Q702			2SA1309A(Q, R)	TRANSISTOR		
Q705, 706			2SC2458(Y, GR)	TRANSISTOR		
Q705, 706			2SC3311A(Q, R)	TRANSISTOR		
Q707			DTC124ES	DIGITAL TRANSISTOR		
Q707			UN4212	TRANSISTOR		
Q708			2SC3944A	TRANSISTOR		
Q709, 710			DTA143TS	DIGITAL TRANSISTOR		
Q709, 710			UN4116	TRANSISTOR		
Q711-714			DTC124ES	DIGITAL TRANSISTOR		
Q711-714			UN4212	TRANSISTOR		
Q715			DTA143TS	DIGITAL TRANSISTOR		
Q715			UN4116	TRANSISTOR		
401	2A		D03-0294-08	REEL BASE ASSY		

MECHANISM ASSY (D40-1460-15)

402	2A		D03-0409-08	REEL BASE ASSY		
403	2A		D14-0377-08	PINCH ROLLER(R)		
BM	1B		D16-0701-08	MAIN BELT		
407	2A		J21-6366-08	PLATE HD ASSY		
408	1C		J26-0035-08	PCB CONTROL ASSY		
411	2A		N19-0298-05	POLY WASHER		
EH	2A		T32-0329-08	ERASE HEAD		
LM	1B		T42-0842-08	MAIN MOTOR ASSY		
RM	1B		T42-0534-08	REEL MOTOR		
RPH	2A		T34-0348-08	R/P HEAD(MS15R-AA4N1)		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
D735			RD6.8ES(B2)	ZENER DIODE		
D736			HZ56.2N(B2)	ZENER DIODE		
D736			RD6.2ES(B2)	ZENER DIODE		
D801, 802			HSS104	DIODE		
D801, 802			1SS133	DIODE		
D901-906			HSS104	DIODE		
D901-906			1SS133	DIODE		
D907			HZ53.9N(B)	ZENER DIODE		
D907			RD3.9ES(B)	ZENER DIODE		
D908			HSS104	DIODE		
D908			1SS133	DIODE		
D909			HZ56.8N(B2)	ZENER DIODE		
D909			RD6.8ES(B2)	ZENER DIODE		
D910			HSS104	DIODE		
D910			1SS133	DIODE		
ED1			BJ248GK	INDICATOR TUBE		
IC1			TA812ES	IC2CH PRE AMP)		
IC11			CXA1797Q	ANALOGUE IC		
IC21			NUM4560D-N	IC(OP AMP X2)		
IC31			UPC1297CA	IC(DOLBY B NR SYSTEM)		
IC41			NUM4565D-D	IC(OP AMP X2)		
IC51, 52			CXA1797S	ANALOGUE IC		
IC61			BA10393N	IC(DUAL COMPARATOR)		
IC62, 63			BA6209	IC(MOTOR DRIVER)		
IC71			BA17812T	IC(VOLTAGE REGULATOR/ +12V)		
IC71			UPC7812AHF	IC(VOLTAGE REGULATOR/ +12V)		
IC72			UPC7818AHF	IC(VOLTAGE REGULATOR/ +18V)		
IC73			HD643373D68F	MI-COM IC		
IC81			NUM4565D	IC(OP AMP X2)		
IC91			TA78057S	IC(VOLTAGE REGULATOR/ +5.75V)		
IC92			PST993D-T	ANALOGUE IC		
Q1, 2			2SC2458(Y, GR)	TRANSISTOR		
Q1, 2			2SC3311A(Q, R)	TRANSISTOR		
Q3, 4			DTC124ES	DIGITAL TRANSISTOR		
Q3, 4			UN4212	TRANSISTOR		
Q5			2SC2458(Y, GR)	TRANSISTOR		
Q5			2SC3311A(Q, R)	DIGITAL TRANSISTOR		
Q11-16			DTC124ES	DIGITAL TRANSISTOR		
Q11-16			UN4212	TRANSISTOR		
Q21, 22			2SC2878(B)	TRANSISTOR		
Q21, 22			2SD1450(S, T)	TRANSISTOR		
Q23, 24			DTC124ES	DIGITAL TRANSISTOR		
Q23, 24			UN4212	TRANSISTOR		
Q31, 32			2SC2458(Y, GR)	TRANSISTOR		
Q31, 32			2SC3311A(Q, R)	TRANSISTOR		
Q33			2SC3940A(R, S)	TRANSISTOR		
Q34-36			DTC124ES	DIGITAL TRANSISTOR		
Q34-36			UN4212	TRANSISTOR		
Q37			2SA1534A(R, S)	TRANSISTOR		
Q41, 42			2SC2878(B)	TRANSISTOR		
Q41, 42			2SD1450(S, T)	TRANSISTOR		
Q61, 62			2SC3666	TRANSISTOR		
Q63			DTC113ZS	DIGITAL TRANSISTOR		
Q63			UN4219	TRANSISTOR		
Q81, 82			2SC2878(B)	TRANSISTOR		

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KX-3080/5080S

SPECIFICATIONS

[MODEL : KX-5080S]

Track System 4-track, 2-channel stereo
Recording System AC bias (Frequency : 105 kHz)
Heads
Playback / recording head1
Erasing head1
Motors DC motor x 2
Fast Winding Time Approx. 90 seconds (C-60 tape)
Frequency Response:
TYPE I Tape 20 Hz to 18,000 Hz, ± 3 dB
TYPE II Tape 20 Hz to 18,000 Hz, ± 3 dB
TYPE IV Tape 20 Hz to 19,000 Hz, ± 3 dB
Signal-to Noise Ratio:
Dolby NR OFF 56 dB
(IEC, 250 nWb/m, TYPE IV tape)
Dolby NR OFF 59 dB (TYPE IV tape)
Dolby S NR ON 80 dB (TYPE IV tape)
Dolby B NR ON 67 dB (TYPE IV tape)
Dolby C NR ON 74 dB (TYPE IV tape)
(3rd H.D.,3%, TYPE IV tape)
Harmonic Distortion Less than 1.7 %
(at 315 Hz, 3rd H.D.,250nWb/m, TYPE IV tape)
Wow and Flutter ± 0.19 % (DIN)
0.07 % (W.R.M.S)
Input sensitivity / Impedance:
LINE IN 100 mV / 34 k Ω
Output Level / Impedance:
LINE OUT 775 mV / 1 k Ω
Headphones 0.5 mW / 32 Ω

[GENERAL]

Power Consumption 30 W
Dimensions W : 440 mm (17-5 / 16")
H : 124 mm (4-7 / 8")
D : 374 mm (14-3 / 4")
Weight (Net) 4.6 kg (10.1 lb)

[MODEL : KX-3080]

Track System 4-track, 2-channel stereo
Recording System AC bias (Frequency : 105 kHz)
Heads
Playback / recording head1
Erasing head1
Motors DC motor x 2
Fast Winding Time Approx. 90 seconds (C-60 tape)
Frequency Response:
TYPE I Tape 20 Hz to 18,000 Hz, ± 3 dB
TYPE II Tape 20 Hz to 18,000 Hz, ± 3 dB
TYPE IV Tape 20 Hz to 19,000 Hz, ± 3 dB
Signal-to Noise Ratio:
Dolby NR OFF 56 dB
(IEC, 250 nWb/m, TYPE IV tape)
Dolby NR OFF 59 dB (TYPE IV tape)
Dolby B NR ON 67 dB (TYPE IV tape)
Dolby C NR ON 74 dB (TYPE IV tape)
(3rd H.D.,3%, TYPE IV tape)
Harmonic Distortion Less than 1.7 %
(at 315 Hz, 3rd H.D.,250nWb/m, TYPE IV tape)
Wow and Flutter ± 0.19 % (DIN)
0.07 % (W.R.M.S)
Input sensitivity / Impedance:
LINE IN 100 mV / 34 k Ω
Output Level / Impedance:
LINE OUT 775 mV / 1 k Ω
Headphones 0.5 mW / 32 Ω

[GENERAL]

Power Consumption 30 W
Dimensions W : 440 mm (17-5 / 16")
H : 124 mm (4-7 / 8")
D : 374 mm (14-3 / 4")
Weight (Net) 4.6 kg (10.1 lb)

KX-3080/5080S

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the General market (M) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION

14-6, Dogenzaka 1-chome, Shibuya-ku, Tokyo, 150 Japan

KENWOOD SERVICE CORPORATION

P.O. BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.

P.O. BOX 55-2791, Piso 6 plaza Chase, Cl. 47 y Aquilino de la Guardia Panama, Republic de Panama

TRIO-KENWOOD U.K. LIMITED

KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB., United Kingdom

KENWOOD ELECTRONICS BENELUX N.V.

Meachelsesteenweg 418, B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Rembrücker Str. 15, 63150 Heusenstamm, Germany

TRIO-KENWOOD FRANCE S.A.

13 Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS ITALIA S.p.A.

Via G. Sirtori, 7/9 20129, Milano, Italy

KENWOOD IBÉRICA S.A.

Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001499 074)

P.O. Box 504, 8 Figtree Drive, Australia Centre, Homebush, N.S.W. 2140, Australia

KENWOOD & LEE ELECTRONICS, LTD.

Unit 3712-3724, Level 37, Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong N.T., Hong Kong

KENWOOD ELECTRONICS SINGAPORE PTE LTD.

No. 1 Genting Lane # 07-00, KENWOOD Building, Singapore, 349544

KENWOOD ELECTRONICS (MALAYSIA) SDN BHD

10th Floor, Block B, Wisma Semantan, No. 12 Jalan Gelenggang, Bukit Damansara, 50490 Kuala Lumpur, Malaysia